2002-IP-006658U1 Practitioner's Docket No.

PATENT

	Inventor(s)
or	
	Title of invention
	OR
n re application of: Bradley L. 1	Todd, et al
Application No.:10 /736,152	Group Art Unit:
il ed: 12/15/2003 or: Filter Cake Degradation	Examiner: n Compositions and Methods of Use in Subterra
Operations	i compositions and nethods of ose in Subteria
ommissioner for Patents	•
.O. Box 1450	
lexandria, VA 22313-1450	
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WITHIN THREE BEFORE MAILING OF FIRS CERTIFICATION UNIT (When using Express Mail, the Express Mail, th	E MONTHS OF FILING OR OT OFFICE ACTION (37 C.F.R. § 1.97(b)) DER 37 C.F.R. §§ 1.8(a) and 1.10* he Express Mail label number is mandatory; lail certification is optional.) this correspondence is being: MAILING vice in an envelope addressed to Commissioner for Patents, P.O. 37 C.F.R. § 1.10 *
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BEFORE MAILING OF FIRS CERTIFICATION UNIT (When using Express Mail, the Express Mail), the Express Mail, the United States Postal Service Box 1450, Alexandria, VA 22313-1450 37 C.F.R. § 1.8(a) with sufficient postage as first class mail.	E MONTHS' OF FILING OR ST OFFICE ACTION (37 C.F.R. § 1.97(b)) DER 37 C.F.R. §§ 1.8(a) and 1.10* the Express Mail label number is mandatory; tail certification is optional.) this correspondence is being: MAILING vice in an envelope addressed to Commissioner for Patents, P.O. 37 C.F.R. § 1.10 * BS "Express Mail Post Office to Addressee" Mailing Label No (mandatory)
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BEFORE MAILING OF FIRS CERTIFICATION UNIT (When using Express Mail, to Express M. A.	E MONTHS' OF FILING OR ST OFFICE ACTION (37 C.F.R. § 1.97(b)) DER 37 C.F.R. §§ 1.8(a) and 1.10* he Express Mail label number is mandatory; lail certification is optional.) this correspondence is being: MAILING rice in an envelope addressed to Commissioner for Patents, P.O. 37 C.F.R. § 1.10 * as "Express Mail Post Office to Addressee" Mailing Label No

* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under \$ 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action [6-3]-page 1 of 3) NOTE: 37 C.F.R. 1.98(b):

- (1) Each U.S. patent listed in an Information disclosure statement must be identified by inventor, patent number, and issue date.
- (2) Each U.S. patent application publication listed in an information disclosure statement shall be identified by applicant, patent application publication number, and publication data.
- (3) Each U.S. application listed in an information disclosure statement must be identified by the inventor, application number, and filing date.
- (4) Each foreign patent or published foreign patent application listed in an information disclosure statement must be identified by the country or patent office which issued the patent or published the application, an appropriate document number, and the publication date indicated on the patent or published application.
- (5) Each publication listed in an information disclosure statement must be identified by publisher, author (if any), title, relevant pages of the publication, date, and place of publication.

WARNING: No extension of time can be had under 37 C.F.R. § 1.136 (a) or (b) for filling an IDS. 37 C.F.R. § 1.97(f).

NOTE: The "filing date of a national application" under 37 C.F.R. § 1.97(b) has two possible meanings. Where the filing is a direct one to the United States Patent & Trademark Office, the filing is defined in 37 C.F.R. § 1.53(b) as "the date on which: (1) A specification containing a description pursuant to § 1.71 and at least one claim pursuant to § 1.75; and (2) any drawing required by § 1.81(a), are filed in the Patent and Trademark Office in the name of the actual inventor or inventors as required by § 1.41." 37 C.F.R. § 1.97(b)(1). On the other hand, an international application that enters the national stage occurs when the applicant has filed the documents and fees required by 35 U.S.C. § 371(c) within the periods set forth in § 1.494 or § 1.495. 35 U.S.C. § 371(c) requires the filing of the following: (1) the basic national fee; (2) a copy of the international application, unless already sent by the International Bureau, and optionally an English translation if filed in another language; and, also optionally (3) amendments under PCT Article 19, with a translation into English if made in another language; (4) an oath or declaration; and (5) a translation into English of any annexes to the international preliminary examination report, if such annexes were made in another language. The optional items must be submitted later, with surcharges. 37 C.F.R. § 1.97(b)(2).

IDENTIFICATION OF TIME OF FILING THE ACCOMPANYING INFORMATION DISCLOSURE STATEMENT

The information disclosure statement submitted herewith is being filed within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. 37 C.F.R. § 1.97(b).

- NOTE: "No certification or fee is due when the filing is made within the above time period. It is advisable to ensure that no Office action has been mailed if the disclosure statement is delayed until after three months from filing."
- NOTE: "An information disclosure statement will be considered to have been filed on the day it was received in the Office, or on an earlier date of a mailing if accompanied by a properly executed certificate of mailing under 37 C.F.R. 1.8, or Express Mail certificate under 37 C.F.R. 1.10. An Office action is mailed on the date Indicated in the Office action." Notice of April 20, 1992 (1138 O.G. 37-41, 39). See also § 609, M.P.E.P., 8th Edition.
- NOTE: "The term 'national application' includes continuing applications (continuations, divisions, continuations-in-part) so three-months will be measured from the actual filing date of an application as opposed [sic] to the effective date of a continuing application." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

NOTE: "An action on the merits means an action which treats the patentability of the claims in an application, as opposed to only formal or procedural requirements. An action on the merits would, for example, contain a rejection or indication of allowability of a claim or claims rather than just a restriction requirements (37 C.F.R. 1.142) or just a requirement for additional fees to have a claim considered (37 C.F.R. 1.16(d)). Thus, if an application was filed on Jan. 1 and the first Office action on the merits was not mailed until six months later on July 1, the examiner would be required to consider any proper information disclosure statement filed prior to July 1." Notice of April 20, 1992 (1138 O.G. 37-41, 39).

WARNING: "A petition for suspension of action to allow applicant time to submit an information disclosure statement will be denied as failing to present good and sufficient reasons, since 37 C.F.R. § 1.97 provides adequate recourse for the timely submission of prior art for consideration by the examiner." Notice of July 6, 1992 (1141 O.G. 63). But see § 103(b) and (c), limited suspension of action in a continued prosecution application (CPA) filed under § 1.53(d) and in a request for continued examination (RCE) under § 1.114.

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SIGNATURE OF PRACTITIONER

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(Transmittal of Information Disclosure Statement Within Three Months of Filing or Before Mailing of First Office Action [6-3]—page 3 of 3)

PATENT 2002-IP-006658U1

UV 2	DEMARKS	IN TH	E UNITED	STATES	PATENT	AND	TRADEMARK	OFFI	CE
S TRA	DEMARK Applicant	s:	Bradley	L. Tode	đ)	.	
	Serial No	.:	10/736,	152) Art U	Init:	Unknown
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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

COMMISSIONER FOR PATENTS Alexandria, VA 22313-1450

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

U.S. PATENTS

- U.S. Patent Number 2,703,316 issued 03/01/55 to Bentley J. Palmer;
- U.S. Patent Number 3,272,650 issued 09/13/66 to Russell L. MacVittie;
- U.S. Patent Number 3,819,525 issued 06/25/74 to David L. Hattenbrun;
- U.S. Patent Number 3,912,692 issued 10/14/75 to Donald James Casey, et al;
- U.S. Patent Number 3,948,672 issued 04/06/76 to Bobby G. Harnsberger;
- U.S. Patent Number 3,955,993 issued 05/11/76 to Beverly A. Curtice, et al;
- U.S. Patent Number 4,172,066 issued 10/23/79 to Maurice L. Zweigle, et al;
- U.S. Patent Number 4,460,052 issued 07/17/84 to Judith Gockel;

- U.S. Patent Number 4,498,995 issued 02/12/85 to Judith Gockel;
- U.S. Patent Number 4,694,905 issued 09/22/87 to David R. Armbruster;
- U.S. Patent Number 4,715,967 issued 12/29/87 to Harold E. Bellis, et al;
- U.S. Patent Number 4,785,884 issued 11/22/88 to David R. Armbruster;
- U.S. Patent Number 4,797,262 issued 01/10/89 to Thomas S. Dewitz;
- U.S. Patent Number 4,886,354 issued 12/12/89 to Gary E. Welch, et al;
- U.S. Patent Number 4,957,165 issued 09/18/90 to Lisa A. Cantu, et al;
- U.S. Patent Number 4,986,355 issued 01/22/91 to Burton M. Casad, et al;
- U.S. Patent Number 5,216,050 issued 06/01/93 to Richard G. Sinclair;
- U.S. Patent Number 5,249,628 issued 10/05/93 to Jim B. Surjaatmadja;
- U.S. Patent Number 5,295,542 issued 03/22/94 to R. Clay Cole, et al;
- U.S. Patent Number 5,325,923 issued 07/05/94 to Jim B. Surjaatmadja, et al;
- U.S. Patent Number 5,330,005 issued 07/19/94 to Roger J. Card, et al;
- U.S. Patent Number 5,360,068 issued 11/01/94 to Eve S. Sprunt, et al;
- U.S. Patent Number 5,363,916 issued 11/15/94 to Ronald E. Himes, et al;
- U.S. Patent Number 5,396,957 issued 03/14/95 to Jim B. Surjaatmadja, et al;
- U.S. Patent Number 5,402,846 issued 04/04/95 to Alfred R. Jennings, Jr., et al;
- U.S. Patent Number 5,464,060 issued 11/07/95 to Arthur H. Hale, et al;
- U.S. Patent Number 5,497,830 issued 03/12/96 to Joel L. Boles, et al;
- U.S. Patent Number 5,499,678 issued 03/19/96 to Jim B. Surjaatmadja, et al;
- U.S. Patent Number 5,505,787 issued 04/09/96 to Kyouichi Yamaguchi;

- U.S. Patent Number 5,512,071 issued 04/30/96 to Benny S. Yam, et al;
- U.S. Patent Number 5,670,473 issued 09/23/97 to William H. Scepauski;
- U.S. Patent Number 5,698,322 issued 12/16/97 to Fu-Jya Tsai, et al;
- U.S. Patent Number 5,765,642 issued 06/16/98 to Jim B. Surjaatmadja;
- U.S. Patent Number 5,791,415 issued 08/11/98 to Philip D. Nguyen, et al;
- U.S. Patent Number 5,833,000 issued 11/10/98 to Jim D. Weaver, et al;
- U.S. Patent Number 5,853,048 issued 12/29/98 to Jim D. Weaver, et al;
- U.S. Patent Number 5,893,416 issued 04/13/99 to Peter Arne Read;
- U.S. Patent Number 5,908,073 issued 06/01/99 to Philip D. Nguyen, et al;
- U.S. Patent Number 5,924,488 issued 07/20/99 to Philip D. Nguyen, et al;
- U.S. Patent Number 5,964,291 issued 10/12/99 to Hugh M. Bourne, et al;
- U.S. Patent Number 6,004,400 issued 12/21/99 to Phillip W. Bishop, et al;
- U.S. Patent Number 6,028,113 issued 02/22/00 to William H. Scepanski;
- U.S. Patent Number 6,047,772 issued 04/11/00 to Jim D. Weaver, et al;
- U.S. Patent Number 6,123,965 issued 09/26/00 to Jules S. Jacob, et al;
- U.S. Patent Number 6,135,987 issued 10/24/00 to Fu-Jya Daniel Tsai, et al;
- U.S. Patent Number 6,169,058 B1 issued 01/02/01 to Hoang V. Le, et al;
- U.S. Patent Number 6,172,011 B1 issued 01/09/01 to Roger J. Card, et al;
- U.S. Patent Number 6,202,751 B1 issued 03/20/01 to Jiten Chatterji, et al;
- U.S. Patent Number 6,209,643 B1 issued 04/03/01 to Philip D. Nguyen, et al;
- U.S. Patent Number 6,260,622 B1 issued 07/17/01 to Reinoud Hendrik Jurgen Blok, et

- al;
- U.S. Patent Number 6,323,307 B1 issued 11/27/01 to Donald M. Bigg, et al;
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- U.S. Patent Number 6,357,527 B1 issued 03/19/02 to Lewis R. Norman, et al;
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- U.S. Patent Number 6,422,314 B1 issued 07/23/02 to Bradley L. Todd, et al;
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- U.S. Patent Number 6,488,763 B2 issued 12/03/02 to Lance E. Brothers, et al;
- U.S. Patent Number 6,508,305 B1 issued 01/21/03 to Harold D. Brannon, et al;
- U.S. Patent Number 6,569,814 B1 issued 05/27/03 to Mark E. Brady, et al;
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- U.S. Patent Number 6,686,328 B1 issued 02/03/04 to Christopher James Binder;
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- U.S. Publication Number 2004/0138068 A1 published 07/15/04 by Brett Rimmer, et al;
- U.S. Publication Number 2004/0152601 A1 published 08/05/04 by John W. Still, et al;

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Int'l Publication Number WO 01/87797 A1 published 11/22/01 by Samuel Danican, et al; Int'l Publication Number WO 03/027431 A2 published 04/03/03 by Claude E. Cooke, Jr.; Int'l Publication Number WO 03/027431 A3 published 04/03/03 by Claude E. Cooke, Jr.; European Patent Number 0 510 762 A2 published 10/28/92 by Mark Philip Houghton, et al.

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Aliphatic Polyesters: Synthesis, Properties and Applications published 2002, Advances in Polymer Science, Volume 157, Springer-Verlag by Ann-Christine Albertsson, et al; Controlled Ring-Opening Polymerization of Lactide and Glycolide published 2004

American Chemical Society, Chemical Reviews, A-Z, AA-AD, by Odile Dechy-Cabaret, et al;

Synthetic Polymer Fracturing Fluid for High-Temperature Applications, SPE 80236, published 2003 Society of Petroleum Engineers by Gary P. Funkhouser, et al; Chelating Agents, Encyclopedia of Chemical Technology, Volume 5, 764-795; A New Assay for the Enzymatic Degradation of Polylactic Acid, Short Report, published ScienceAsia 29 (2003): 297-300 by Virun Vichaibun, et al;

Patent Application Number 10/864,061 filed 06/09/04, Aqueous Tackifier and Methods of Controlling Particulates by Matt Blauch, et al;

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SurgiFracSM Service, A Quick and Cost-Effective Method to Help Boost Production From Openhole Horizontal Completions, HO3297, published 2002 Halliburton Communications;

Cobra FracSM Service, Coiled Tubing Fracturing—Cost-Effective Method for Stimulating
Untapped Reserves HO2319R, published 2000 Halliburton Energy Services, Inc;
CobraJet FracSM Service, Cost-effective Technology That Can Help Reduce Cost Per
BOE Produced, Shorten Cycle Time and Reduce Capex published Halliburton
Communications.

Copies of the aforementioned non-patent references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

Robert A. Kent

Registration No. 28,626

Halliburton Energy Services

P. O. Box 1431

Duncan, OK 73536-0440

580-251-3125

PTO-1449

MON 5 5 5007

Information Disclosure Station in an Application

Application No. 10/736,152

Bradley L. Todd

Applicant(s)

Docket Number 2002-IP-006658U1

Group Art Unit Filing Date 12/15/2003

U.S. PATENT DOCUMENTS

DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
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5,497,830	03-12-96	Boles, et al.	166	300	04-06-95

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449	Application No.	Applicant(s)		
	10/736,152	Bradley L. Todd		
Information Disclosure Citation in an	Docket Number	Group Art Unit	Filing Date	
Application	2002-IP-006658U1		12/15/2003	

U.S. PATENT DOCUMENTS

DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
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5,512,071	04-30-96	Yam, et al.	51	307	02-25-94
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449	Application No.	Applicant(s)	
110-1449	10/736,152	Bradley L. Todd	
Information Disclosure Citation in an	Docket Number	Group Art Unit	Filing Date
Application	2002-IP-006658U1		12/15/2003

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